IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kunihiro Tashiro et al.
Serial No.:	10/754,417
Conf. No.:	7964
Filed:	1/9/2004
For:	REFLECTION-TYPE LIQUID CRYSTAL DISPLAY DEVICE AND FABRICATION THEREOF
Art Unit:	2871
Examiner:	Dudek, James A.
Patent:	7,072,014
Issued:	July 4, 2006

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.

9 Oct 06

Date

Registration No. 29,367
Attorney for Applicant

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULE 322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: Certificate of Corrections Branch

Dear Sir:

In accordance with 37 C.F.R. § 1.322, patentees, through their attorneys, respectfully request that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of mistakes on the part of the Patent and Trademark Office and the changes include the following:

<u>On the Patent Face</u>:

In the Title, delete the word "process" (§ 312 Amend., p. 2, filed 12/20/05).

In the Abstract, delete "$df\{(n_x+n_z)/2-n_z\}$" and insert -- $df\{(n_x+n_y)/2-n_z\}$ -- (§ 312 Amend., p. 3, filed 12/20/05).

REMARKS

A Certificate of Correction incorporating the delineated change is enclosed in duplicate herewith. Since the mistakes were on the part of the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee and such is respectfully requested.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By

Patrick G. Burns
Registration No. 29,367

October 9, 2006

300 South Wacker Drive
Suite 2500
Chicago, Illinois 60606
Telephone: 312.360.0080
Facsimile: 312.360.9315

Customer No. 24978

OCT 1 8 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO   :   7,072,014
DATED   :   07/04/2006
INVENTOR(S) :   Tashiro et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Patent Face:

In the Title, delete the word "process".

In the Abstract, delete "$df\{(n_x+n_z)/2-n_z\}$" and insert -- $df\{(n_x+n_y)/2-n_z\}$ --.

OCT 1 8 2006

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 7,072,014
DATED : 07/04/2006
INVENTOR(S) : Tashiro et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>On the Patent Face</u>:

In the Title, delete the word "process".

In the Abstract, delete "$df\{(n_x+n_z)/2-n_z\}$" and insert -- $df\{(n_x+n_y)/2-n_z\}$ --.

MAILING ADDRESS OF SENDER:
Patrick G. Burns
GREER, BURNS & CRAIN, LTD.
300 South Wacker Drive, Suite 2500
Chicago, IL 60606

PATENT NO 7,072,014
No. of additional copies 1

$\Longrightarrow$

OCT 1 8 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kunihiro Tashiro et al.

Serial No.: 10/754,417

Conf. No.: 7964

Filed: 1/9/2004

For: REFLECTION-TYPE LIQUID CRYSTAL DISPLAY DEVICE AND FABRICATION THEREOF

Art Unit: 2871

Examiner: Dudek, James A.

AMENDMENT AFTER NOTICE OF ALLOWANCE UNDER 37 C.F.R. § 1.312

Box ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Prior to issuance of the above-named allowed application, please make the following amendments.

<u>In the Title</u>:

Please amend the title of the invention to --REFLECTION-TYPE LIQUID CRYSTAL DISPLAY DEVICE AND FABRICATION THEREOF--

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<u>In the Abstract:</u>

Please substitute the following Abstract for the Abstract currently of record:

A reflection-type liquid crystal display device, including a first substrate, a second substrate disposed so as to face the first substrate, with the second substrate carrying projections and depressions having a reflectivity, a liquid crystal layer having any of positive or negative dielectric anisotropy provided between the first and second substrates, and a polarizer disposed at an outer side of the first substrate. The device also preferably includes an optical phase compensation film disposed between the first substrate and the polarizer, with the optical phase compensation film having a negative dielectric anisotropy in a direction perpendicular to a plane of the first substrate. The optical phase compensation film also preferably has a retardation $df\{(n_x+n_y)/2-n_z\}$ so as to satisfy the relationship $0.4 \leq [df\{(n_x+n_y)/2-n_z\}]/(dlc\Delta n) \leq 0.7$, wherein n_x, n_y and n_z are refractive indices of the optical phase compensation film respectively in an x-direction, a y-direction and a z-direction, dlc is the thickness of the liquid crystal layer, and Δn is a refractive index difference between an extraordinary ray and an ordinary ray in the liquid crystal layer.

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